

### **In the Claims**

Claims 1 and 6 are currently amended.

Claims 2-5 and 9 are presently presented

Claims 12-42 are cancelled.

Claims 1-11 remain in the application and are listed below:

What is claimed is:

**1. (Currently Amended)** A programming interface embodied on one or more computer-readable storage media comprising:

a hierarchical namespace including a set of types for a user interface organized into the hierarchical namespace, the hierarchical namespace including functionality to allow application-defined calculations to be performed;

a top level identifier prefixed to the name of each group in the hierarchy so that the types in each group are referenced by a hierarchical name that includes the selected top level identifier prefixed to the name of the group containing the type;

a first group of services related to re-usable user interface controls, the first group of services including a control that allows preview images of items to be displayed;

a second group of services related to user interface dialogs and user interface wizards, the second group of services including a first dialog to allow files and folders to be opened and saved;

a third group of services related to extending the user interface functionality, the third group of services including functionality to allow identification of application-defined thumbnails; and

a fourth group of services related to extending functionality of a desktop of the user interface, the fourth group of services including functionality to allow a sidebar to be displayed on the desktop, wherein the first and second and third and fourth groups of services are defined by respective namespaces of the programming interface.

**2. (Presently Presented)** A programming interface as recited in claim 1, wherein the first group of services includes:

- a first control that encapsulates a storage user experience;
- a second control that allows an item to be displayed in an application-defined manner;
- a third control that allows items to be added to a sidebar of the desktop; and
- a fourth control that allows items to be added to a list.

**3. (Presently Presented)** A programming interface as recited in claim 1, wherein the second group of services includes:

- a first wizard to allow optical discs to be written to; and
- a second wizard to facilitate sending images by electronic mail.

**4. (Presently Presented)** A programming interface as recited in claim 1, wherein the third group of services includes:

- a first functionality to allow additions to context menus; and
- a second functionality to allow calculations to be performed when displaying information regarding one or more files or folders.

5. (Presently Presented) A programming interface as recited in claim 1, wherein the fourth group of services includes:

functionality to allow application-defined notifications to be displayed on the desktop.

6. (Currently Amended) A system implemented by way of one or more computers, comprising:

means for organizing a set of types for a user interface into a hierarchical namespace, the hierarchical namespace including functionality to allow application-defined calculations to be performed;

means for exposing a first set of functions that enable re-usable controls of a user interface;

means for exposing a second set of functions that enable re-usable dialogs of the user interface and re-usable wizards of the user interface;[[ and]]

means for exposing a third set of functions that enable extending functionality of a desktop of the user interface, wherein the means for exposing the first set of functions including means for exposing one or more functions that allow items to be added to a sidebar of the desktop; and

means for selecting a top level identifier and prefixing the name of each group with the top level identifier so that the types in each group are referenced by a hierarchical name that includes the selected top level identifier prefixed to the name of the group containing the type.

7.     **(Original)**   A system as recited in claim 6, further comprising:  
means for exposing a fourth set of functions that enable extending functionality of  
the user interface.

8.     **(Original)**   A system as recited in claim 7, wherein the means for  
exposing the fourth set of functions comprises:  
means for exposing one or more functions to allow additions to context menus;  
means for exposing one or more functions to allow identification of application-  
defined thumbnails; and  
means for exposing one or more functions to allow calculations to be performed  
when displaying information regarding one or more files or folders.

9.     **(Presently Presented)**   A system as recited in claim 6, wherein the  
means for exposing the first set of functions comprises:  
means for exposing one or more functions that encapsulate a storage user  
experience;  
means for exposing one or more functions that allow an item to be displayed in an  
application-defined manner;  
means for exposing one or more functions that allow items to be added to a list;  
and  
means for exposing one or more functions that allow preview images of items to  
be displayed.

10. (Original) A system as recited in claim 6, wherein the means for exposing the second set of functions comprises:

means for exposing one or more functions that allow files and folders to be opened and saved;

means for exposing one or more functions that allow optical discs to be written to; and

means for exposing one or more functions that allow images to be sent by electronic mail to be re-sized.

11. (Original) A system as recited in claim 6, wherein the means for exposing the third set of functions comprises:

means for exposing one or more functions that allow a sidebar to be displayed on the desktop; and

means for exposing one or more functions that allow application-defined notifications to be displayed on the desktop.

12.-42. (Cancelled)